

GenCore version 4.5  
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OM nucleic - nucleic search, using sw model

Run on: December 9, 2000, 09:57:10 ; Search time 1721.35 Seconds  
(without alignments)  
13243.098 Million cell updates/sec

Title: US-09-117-447-1  
Perfect score: 3687  
Sequence: 1 atggtatggagaaaaagctgt.....ttacattctatattaagtaa 3687

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 7189864 segs, 3091403243 residues

Total number of hits satisfying chosen parameters: 14379728

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :

EST:\*

1:	gb_est1:*
2:	gb_est2:*
3:	gb_est3:*
4:	gb_est4:*
5:	gb_est5:*
6:	gb_est6:*
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73:	em_estp14:*
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100:	gb_gss9:*
101:	em_gss5:*
102:	em_gss6:*
103:	em_gss7:*
104:	em_gss8:*
105:	em_gss9:*
106:	em_gss10:*
107:	em_gss11:*
108:	gb_gss10:*
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113:	gb_gss14:*
114:	gb_gss15:*
115:	gb_gss16:*
116:	gb_gss17:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

Question	Result
1. What is the main purpose of the study?	To investigate the effect of a new teaching method on student performance.
2. What are the independent and dependent variables?	The independent variable is the teaching method, and the dependent variable is student performance.
3. What is the research hypothesis?	The hypothesis is that the new teaching method will result in higher student performance compared to the traditional method.
4. What are the limitations of the study?	The study is limited by a small sample size and a short duration.
5. What are the conclusions?	The study concludes that the new teaching method is effective in improving student performance.

No.	Score	Match	Length	DB	ID	Description
C 1	59.8	1.6	997	121	CNS0134P	AL102403 Drosophila
C 2	56.4	1.5	476	34	BE224646	BE224646 kp59A06_Y
C 3	55.8	1.5	1159	121	CNS015XR	AL106041 Drosophila
C 4	55.4	1.5	773	122	CNS01YWG	AL169549 Tetradodon
C 5	55.2	1.5	733	123	CNS04NEM	AL299119 Tetradodon
C 6	55.2	1.5	917	121	CNS017SL	AL108447 Drosophila
C 7	54.2	1.5	1076	121	CNS05HYN	AL138180 Tetradodon
C 8	53.4	1.4	560	121	CNS00C13	AL059106 Drosophila
C 9	53.4	1.4	1101	121	CNS01807	AL108721 Drosophila
C 10	53	1.4	1025	121	CNS014J2	AL104216 Drosophila
C 11	53	1.4	1147	121	B13042	B13042 T30M24-Sp6
C 12	51.8	1.4	959	121	CNS00635	AL062806 Drosophila
C 13	51.8	1.4	969	121	CNS00IDL	AL074848 Drosophila
C 14	51.8	1.4	1101	121	CNS00EHX	AL073856 Drosophila
C 15	51.6	1.4	470	124	FR0018463	AL011359 F. rubripes
C 16	51	1.4	1042	121	CNS014BK	AL103838 Drosophila
C 17	51	1.4	1184	123	CNS004P4	AL100850 Tetradodon
C 18	50.8	1.4	1101	121	CNS0039G	AL063921 Drosophila
C 19	50.6	1.4	539	21	AW329517	AW329517 N200762e
C 20	50.6	1.4	1101	121	CNS00EVL	AL106936 Drosophila
C 21	49.8	1.4	989	122	CNS02HMA	AL197365 Tetradodon
C 22	49.6	1.3	828	121	CNS031TX	AL100719 Drosophila
C 23	49.4	1.3	581	122	CNS034DK	AL1227297 Tetradodon
C 24	49.2	1.3	809	121	CNS00A7H	AL054820 Drosophila
C 25	49	1.3	869	121	CNS00EZK	AL067574 Drosophila
C 26	49	1.3	1223	118	B12981	B12981 T24D11-Sp6
C 27	48.8	1.3	1079	122	CNS0351X	AL122876 Tetradodon
C 28	48.6	1.3	1007	121	CNS00JOV	AL06752 Drosophila
C 29	48.4	1.3	421	115	AZ113646	AZ113646 RPCI-23-4
C 30	48.4	1.3	443	121	FR0008252	292062 F. rubripes
C 31	48.4	1.3	450	124	FR0025683	AL018519 F. rubripes
C 32	48.4	1.3	1101	121	CNS001B	AL060732 Drosophila
C 33	48.2	1.3	567	124	FR0006951	290761 F. rubripes
C 34	48	1.3	426	14	AL136543	AL136543 MRBA08F06
C 35	48	1.3	500	20	AM126318	AM126318 N100425e
C 36	48	1.3	518	34	BE239628	BE239628 EST403677
C 37	47.8	1.3	907	122	CNS02134	AL176955 Tetradodon
C 38	47.8	1.3	1101	121	CNS0182P	AL108811 Drosophila
C 39	47.6	1.3	945	121	CNS006WN	AL066018 Drosophila
C 40	47.4	1.3	838	123	CNS03W93	AL063440 Tetradodon
C 41	47.2	1.3	767	121	CNS00A0X	AL055924 Drosophila
C 42	47.2	1.3	783	121	CNS00A0S	AL055833 Drosophila
C 43	47.2	1.3	823	121	CNS010XK	AL098546 Drosophila
C 44	47.2	1.3	894	34	BE213316	BE213316 HV.CEB000
C 45	47.2	1.3	1152	122	CNS024ML	AL181002 Tetradodon

RESULT 1  
CNS0134P/C

LOCUS	CNS0134P	997 bp	DNA	GS5	26-Jul-1999
DEFINITION	Drosophila melanogaster genome survey sequence sp6 end of BAC BACN09C07 of DrosBAC library from Drosophila melanogaster (fruit fly), genomic survey sequence.				
ACCESSION	AL102403.				
VERSION	AL102403.1 GI:5614014				
KEYWORDS	GS5.				
SOURCE	fruit fly.				
ORGANISM	Drosophila melanogaster Euarysta; Metazoa; Arthropoda; Tracheata; Hexapoda; Insecta; Pterygota; Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha; Ephydroidea; Drosophilidae; Drosophila.				
REFERENCE	1 (bases 1 to 997)				
AUTHORS	Genoscope.				
TITLE	Direct Submission				
JOURNAL	Submitted (23-JUL-1999) Genoscope - Centre National de Sequencage : BP 191 91006 Evry cedex - FRANCE (E-mail : seqref@genoscope.cns.fr - Web : www.genoscope.cns.fr)				
COMMENT	Determination of this BAC-end sequence was carried out as part of a collaboration with the European Drosophila Genome Project (EDGP) - http://www.edgp.ebi.ac.uk -. This Drosophila melanogaster BAC library (Dros BAC) was made by Alain Billaud at CEPH (Centre d'Etude du Polymorphisme Humain) with funding provided by a MRC project grant. The DNA was prepared from embryos by Alain Bucheton and Genevieve Payan. It has been constructed in the vector pBeloBAC11.				
FEATURES	Location/Qualifiers				
SOURCE	1..997 /organism="Drosophila melanogaster" /plasmid="pBeloBAC11" /db_xref="taxon:7227" /clone_lib="DrosBAC" /clone="BACN09C07" /note="end : SP6"				
BASE COUNT	162 a 115 c 79 g 517 t 124 others				
ORIGIN					
Query Match	:	1.68;	Score 59.8;	DB 121;	Length 997;
Best Local Similarity	:	37.58;	Pred. No. 0.0015;		
Matches 245;	Conservative % 43;	Mismatches 362;	Indels 3;	Gaps 1;	
Oy	437	aagcaaaagatttgaagaaagcagacaacatctctcacaagaattccctaigaattataa	496		
Db	656	AAAAAAAAAAAAAAAAAATTAAGAAAGAAATTAAGATTTGACGAAAAAAAAAAT	597		
Oy	497	ctcgacacgattatctagatcgctatgtgtaaacacacgctgattacttcgctcta	556		
Db	596	ATTMAAAAGAAAATTAATAAAAMWGAARACAGARAAAAGAAARARAAWMAWMAAAA	537		
Oy	557	catttaagcacaagcacagaacttcgcgcagccttaattatgatctaacccgttcga	616		
Db	536	WAAWMAAARAAWMTTAAATTAAGAAAGAAAGATTTWAAATTAAGAAAGAAWMAWMAA	477		
Oy	617	tgaagcgcgcgaagtacaagaagctgtgaaagcaggaatttgacacaagctaaagctg	676		
Db	476	AATTAATAATTAATAAAAAAAAAAGTTAATAAAAAAAAAWGAATAATTAATAWMAAAA	417		
Oy	677	ctgttgatcaaatcatcatctaccacaagaatagacagatgcttcaaaactgaaacta	736		
Db	416	WTGMAAAAGAAAATAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT	357		
Oy	737	cagaagtagcgaagaaagcattagatgcagatgaagctgcgcttaactccaagaagtga	796		
Db	356	AAGAAARAAATAAAAAAAAAATTAATAWMAAARAAACATTAATTCMGCTAAACCAAAA	297		
Oy	797	gttgatgctgcattacaactcaagaagcgtgttgaaattgaacagcagtlaccagtgaa	856		
Db	296	AAAAAARAAARAAWMAWMAAAGARAAAATAAANNNNNNNNNNNNNNNNNNNNNNN	237		
Oy	857	gaacctaaattcaacttcagctgctgcgaatgaagatatacagtaagtaagtaactg	916		
Db	236	NINGGANNNNNNNAAGTTTCACATTAATTAAGTATTAAGAAAAAATAATTAATTA	178		

Oy	917	tacgcatctcataaaagcgcggtaaacattccattccattcccattcaatcgccagtgatttc	976
Dd	179	AARAAAGGARRAARAAAMGAATRTTCCAAAGAAGACGATTMAAATTMAGACATGAMC	120
Oy	977	tattcacgaacggaaaactatactactcygatgtgtcattccattccattcgaaaaataacag	1036
Dd	119	TTAGCAAAATAAGCATRAAAAATAAAAAAATTAAGTTAACAAAAGGCGTAAAWTAA	60
Oy	1037	agtataaagttagttaaagttataaagccaaaatgccaagaatttaa	1089
Dd	59	ACCAGGAACAAGCTGTAAAAAATGAAAAAAAAATTTMGMATTTGAAATRAAM	7
RESULT 2			
LOCUS	BE224646	476 bp mRNA EST	06-JUL-2000
DEFINITION	kps9ad6.y1.TBN95TM-SSEH Strongyloides stercoralis cDNA 5' similar to TR:O46562 O46562 HISTONE 1. [4] TR:O46140 TR:O46141 TR:O46142 ; contains element MER31 repetitive element ; , mRNA sequence.		
ACCESSION	BE224646		
VERSION	BE224646.1 GI:8929882		
KEYWORDS	EST.		
SOURCE	Strongyloides stercoralis.		
ORGANISM	Strongyloides stercoralis.		
REFERENCE	Eukaryota; Metazoa; Nematoda; Chromadorea; Rhabditida; Panagrolaimidae; Strongylidae; Strongyloides.		
AUTHORS	1 (bases 1 to 476) McCartier,J., Clifton,S., Marra,M., Hillier,L., Kucaba,T., Martin,J., Beck,C., Wylie,T., Underwood,K., Steptoe,M., Theising,B., Allen,M., Bowers,Y., Person,B., Swaller,T., Gibbons,M., Pape,D., Harvey,N., Schuck,R., Ritter,E., Kohm,S., Shin,T., Jackson,Y., Cardenas,M., McCann,R., Waterston,R. and Wilson,R. The Washington Univ. Nematode EST Project, 1999 Unpublished (1999) Contact: McCartier JP The Washington Univ. Nematode EST Project, 1999 Washington University School of Medicine 4444 Forest Park Parkway, Box 850L, St. Louis, MO 63108, USA Tel: 314 286 1800 Fax: 314 286 1810 Email: est@watson.wustl.edu The library was constructed by Dr. Thomas Nutman and colleagues of NIHID, NIH. (nutman@nih.gov). DNA Sequencing by: Washington University Genome Sequencing Center St. Louis. Seq primer: -40RP from GIBCO High quality sequence stop: 435. Location/Qualifiers 1..476 /organism="Strongyloides stercoralis" /strain="filariform larvae obtained from humans" /db_xref="taxon:6248" /clone_lib="TBN95TM-SSEH" /lab_host="XL-1 Blue MRF" (Stratagene)" /note="Vector: Lambda Uni-ZAP XR (Stratagene) ; Site: 1: EcoRI; Site:2: XhoI; mRNA was purified from 4 x 10E5 filariform larvae which had been isolated from infected humans. cDNA was constructed and, using adaptors, was cloned unidirectionally into the vector from the EcoRI site to the XhoI site. The library has an amplified titer of 1.5 x 10E6 pfu/ml and an amplified, undiluted titer of 7 x 10E9 pfu/ml. The average insert size of the unamplified library is 975 bp (range, 500-1500)."		
FEATURES			
SOURCE			
BASE COUNT	218 a 72 c 72 g 114 t		
ORIGIN			
Query Match	1.5%; Score 56.4; DB 34; Length 476;		
Best Local Similarity	52.6%; Pred No. 0.0076;		
Matches 123; Conservative 0; Mismatches 111; Indels 0; Gaps 0			
Oy	1591	acaacacgtttgtctaagtagtagacgacatctacttagctatgaacttgtattaggt	1650

Db	218	AAACCAAGTGGCGATGAAGAAAGTTGTCAAAAAAACAAGTTGCCAAAAAAGCTGTAGACACT	277
Oy	1651	gaaaaagaatctggtacagctgtgtctctctgaactaaataatataatgacagcctaagt	1710
Db	278	AAAAAGCAACTGTATCTCAAGAGAGACTGTATGTCACAAAAAACTTCGTGATTAAAAA	337
Oy	1711	gtaacttaagtcgcaaaagcgagcctaataagaataatctatcatcacaatccaattaa	1770
Db	338	ACAACTTAAGTCTCCAAAAAGCTTAGAGCTACGAAAAAAGTTGTGAAAAAACAATTGAA	397
Oy	1771	aaagcttgaagtcgcgaataagatcttaattgaataggcactgttaacgaagaaaaa	1824
Db	398	AAGAGAACAAATCTACTCTACCAAAAAAAGAGGCCACAAAAAGTGCCTAAAAA	451
RESULT 3			
CNS015XR	1159 bp	DNA	GSS
LOCUS	Drosophila melanogaster genome survey sequence T7 end of BAC		26-JUL-1999
DEFINITION	BACN15017 of DrosBAC library from Drosophila melanogaster (fruit fly), genomic survey sequence.		
ACCESSION	AL106041		
VERSION	AL106041.1		
KEYWORDS	GSS.		
SOURCE	fruit fly,		
ORGANISM	Drosophila melanogaster		
	Euarthropota; Metazoa; Arthropoda; Tracheata; Hexapoda; Insecta; Pterygota; Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha; Ephydroidea; Drosophilidae; Drosophila.		
REFERENCE	1 (bases 1 to 1159)		
AUTHORS	Genoscope.		
TITLE	Direct Submission		
JOURNAL	Submitted (23-JUL-1999) Genoscope - Centre National de Sequencage : BP 191 91006 EVRY cedex - FRANCE (E-mail : seqref@genoscope.cns.fr - Web : www.genoscope.cns.fr)		
COMMENT	Determination of this BAC-end sequence was carried out as part of a collaboration with the European Drosophila Genome Project (EDGP) - http://www.edgp.ebi.ac.uk -. This Drosophila melanogaster BAC library (Dros BAC) was made by Alain Billaud at CEPH (Centre d'Etude du Polymorphisme Humain) with funding provided by a MRC project grant. The DNA was prepared from embryos by Alain Bucheton and Genevieve Payan. It has been constructed in the vector pBelosBAC11.		
FEATURES			
source	Location/Qualifiers		
	1..1159		
	/organism="Drosophila melanogaster"		
	/plasmid="pBelosBAC11"		
	/db_xref="taxon:7227"		
	/clone_lib="DrosBAC"		
	/clone="BACN15017"		
	/note="end : 17"		
BASE COUNT	448 a 36 c 7 g 178 t 490 others		
ORIGIN			
Query Match	1.5%; Score 55.8; DB 121; Length 1159;		
Best Local Similarity	33.8%; Pred. No. 0.013;		
Matches 189; Conservative	6; Mismatches 365; Indels 0; Gaps 0;		
Oy	212	aatacaacaagcgaaaaacgatacgcgtatgcggtatgcatctagtgataaagcaggtg	271
Db	31	AAAAAAAAAAAAAAAAAAAAAAAYAAAAAACMSAAAAAAAHNCYTMAAAAAA	90
Oy	272	gcgcgaaaaagacgcttacttagctgtgttacaanaaagaataatgaacttcggttca	331
Db	91	AACAAAAAAAAAAAANNANNTNTTNNATTNTTANAAAAA	150
Oy	332	aagcaaaccttaactctgacagctcgtgtgatacaactatcatcgatgcttacaactatg	391
Db	151	AAAAAAAAACCNACACCCANAMCCCAAMACACANCNNNNNNANNNNA	210
Oy	392	caacaaattgacgaatcgcgccaagctcagagagctcgtcttcaagcaaaagatttag	451















## JOURNAL

## COMMENT

Submitted (02-JUN-1999) Genoscope - Centre National de Sequencage :  
 BP 191 91006 EVRY cedex - FRANCE (E-mail : sequef@genoscope.cns.fr  
 - Web : www.genoscope.cns.fr)  
 Determination of this BAC-end sequence was carried out as part of a  
 collaboration with the Berkeley Drosophila Genome Project (BDGP).  
 The BDGP is constructing a physical map of the Drosophila  
 melanogaster genome using these BACs. For further information  
 please see <http://www.fruitfly.org> The BDGP Drosophila  
 melanogaster BAC library was prepared by Kazutoyo Osoegawa and  
 Aaron Mamoser in Pieter de Jong's laboratory in the Department of  
 Cancer Genetics at the Roswell Park Cancer Institute in Buffalo,  
 NY. The library is named RPCT-98 and was constructed by partial  
 EcoRI digestion of Drosophila DNA provided by the BDGP from the  
 isogenic strain Y2; cn bw sp, the same strain used for the BDGP's  
 p1 and EST libraries. A more detailed description of the library  
 and how to order individual BAC clones, the entire library, or  
 filters for hybridization from the BACPAC Resource Center can be  
 found at [http://bdgpac.med.buffalo.edu/drosophila\\_bac.htm](http://bdgpac.med.buffalo.edu/drosophila_bac.htm).

FEATURES  
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 1.1101  
 Location/Qualifiers

/organism="Drosophila melanogaster"  
 /db\_xref="taxon:7227"  
 /clone\_lib="RPCT-98"  
 /clone="BACR35M04"  
 /note="end : TER3"

BASE COUNT 164 a 100 c 120 g 616 t 101 others  
 ORIGIN

Query Match 1.4%; Score 51.8; DB 121; Length 1101;  
 Best Local Similarity 40.1%; Pred. No. 0.11;  
 Matches 241; Conservative 32; Mismatches 324; Indels 4; Gaps 1;

QY 258 gaataagcagcggcgagcaaaagcgttactgagcttcaaaaagaatga 317  
 DB 618 GAAGCTAAAGCGAGATCAAAAAAARAAAAAARAAAAAAGTGAATAATTTAAA 559  
 QY 318 aactacgtttcaagcaaccctaatctgcggaagctcgtgtagcaactacatga 377  
 DB 558 AATTAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 499  
 QY 378 tgcctcaactatgcacaaatagcgaatgcgcaagcctgagcgtcgttca 437  
 DB 498 AATTAATATTAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 439  
 QY 438 agcaaaagattgaaagcagacaatctatgcacaaattcctaagaattaaac 497  
 DB 438 TGTAAAGAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 379  
 QY 498 tcgcacagtcatttagatcgctatagttaaacacactcgtgattactcgtctac 557  
 DB 378 ----AAAWAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 333  
 QY 558 atttaagcaaaagcacaagactcgcgacgacttaattatgatatcgcgtcaat 617  
 DB 322 AAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 263  
 QY 618 gaagcgcgcgaagctacaagcgtgtgaagcagcgaatttagacaagcctaagctgc 677  
 DB 262 AAAAAATTAACCAAAWAAWAAATAAATAAATAAATAAATAAATAAATAAATAA 203  
 QY 678 tctgtatcaatcaatcaatcaatcaatcaatcaatcaatcaatcaatcaatcaat 737  
 DB 202 TMTAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 143  
 QY 738 agaaagtagcgaagaaagcattagatgcagatgaagctgcctactccaagctgaag 797  
 DB 142 AATAGWAAWAGAGAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 83  
 QY 798 tctagtgatgaatcaatcaatcaatcaatcaatcaatcaatcaatcaatcaatcaat 857  
 DB 82 TAATAATTTCAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 23

QY 858 a 858  
 Db 22 A 22

## RESULT 15

FR0018463/c 470 bp DNA GSS 09-DEC-1997  
 LOCUS  
 DEFINITION  
 ACCESSION  
 VERSION  
 KEYWORDS  
 SOURCE  
 ORGANISM

FR0018463  
 F. rubripes GSS sequence, clone 016E10Ac6, genomic survey sequence.  
 AL011359.1 GI:2676793  
 GSS: genome survey sequence.  
 Fugu rubripes.  
 Fugu rubripes.  
 Eukaryota; Metazoa; Chordata; Vertebrata; Actinopterygii;  
 Neopterygii; Teleostei; Euteleostei; Acanthopterygii; Percomorpha;  
 Tetraodontiformes; Tetraodontidae; Tetraodontidae; Fugu.

REFERENCE  
 1 (bases 1 to 470)  
 Elgar, G., Clark, M., Smith, S., Week, S., Warner, S., Umranta, Y.,  
 Williams, G., and Brenner, S.

AUTHORS  
 TITLE  
 JOURNAL  
 COMMENT

Submitted (08-DEC-1997) MRC Human Genome Mapping Project Resource  
 Centre Hinxton, Cambridge, CB10 1SB. Email: [biohelp@hmp.mrc.ac.uk](mailto:biohelp@hmp.mrc.ac.uk)  
 Vector: pBluescript II KS  
 V-type: plasmid  
 PRIMER: KS

DESCR:  
 One pass dye-terminator sequencing of cosmid cloned genomic  
 sequence.

FEATURES  
 source  
 1.470  
 Location/Qualifiers

/organism="Fugu rubripes"  
 /db\_xref="taxon:31033"  
 /clone\_lib="cosmid 016E10"  
 /clone="016E10Ac6"

BASE COUNT 149 a 79 c 150 g 65 t 27 others  
 ORIGIN

Query Match 1.4%; Score 51.6; DB 124; Length 470;  
 Best Local Similarity 44.9%; Pred. No. 0.1;  
 Matches 159; Conservative 0; Mismatches 195; Indels 0; Gaps 0;

QY 1264 gtactattacagatgttcaactggaagcagatccagtaattgcatctctgtg 1323  
 DB 396 GCTGCTACTACTGCTGCTACTACTGCTACTACTGCTACTACTACTACTACTACT 337  
 QY 1324 tctacaattactattacgtttaaagaagcgttagtaactcgttaaacataaacttgt 1383  
 DB 336 GCTACTACTGCTGCTACTACTGCTGCTACTACTACTACTACTACTACTACTACT 277  
 QY 1384 atcaataagtttaaaacataactcgtttcaatgcagaagcctaagtagtgcact 1443  
 DB 276 GCTACTGCTACTGCTGCTGCTGCTACTACTGCTACTACTGCTGCTGCTGCTGCT 217  
 QY 1444 gcaaacgcatcgcaacaactcgtttgtaacgctcctactacttaagtggtacaattta 1503  
 DB 216 NCTNCTGCTACTGCTACTACTACTACTACTACTACTACTACTACTACTACTACTACT 157  
 QY 1504 tctactggttctcttaacaagaatttggggtaaatctggtcgtgtgtgtgaatgaagct 1563  
 DB 156 GCTGCTACTACTGCTGCTACTACTACTACTACTACTACTACTACTACTACTACTACT 97  
 QY 1564 ggaactattatccctggttctcaatcaacaagaagcttgcctactaagtagaac 1617  
 DB 96 ACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 43

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 Job time: 7346 sec



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